

Converting Colors

`RYB(135, 117, 151)`

Have a look what the booklet for
RYB(135, 117, 151) contains.

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Color

R_YB(135, 117, 151)

Conversions

Conversions Part 1

Format	Color
Hex	877597
RGB	135, 117, 151
RGB Percent	53%, 46%, 59%
CMY	0.4706, 0.5412, 0.4078
CMYK	0.11, 0.23, 0.00, 0.41
HSL	272°, 14%, 53%
HSV	272°, 23%, 59%
XYZ	21.9389, 20.1078, 32.0031
YIQ	126.2580, -0.1860, 14.3900

Conversions

Conversions Part 2

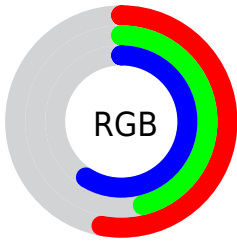
Format	Color
R_{YB}	135, 117, 151
Decimal	8877463
CIE _{Lab}	51.96, 13.78, -15.81
CIE _{LCh}	52, 20.972, 311.092
Yxy	20.1078, 0.2963, 0.2715
Android (android.graphics.Color)	4287067543 (0xFF877597)
YUV	126.2580, 12.1978, 7.6667
Hunter-Lab	44.8418, 8.8582, -10.9254

Details

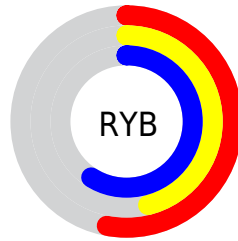
The RYB color **135, 117, 151** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **117, 151, 135**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **188, 169, 205**, and **85, 69, 100** is the 20% darker color. If you saturate the color by 10%, you get **128, 102, 151**, and if you desaturate by 10%, it is **142, 132, 151**.

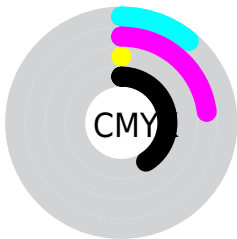
Distribution



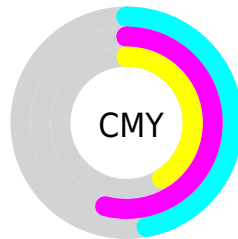
- Red (53%)
- Green (46%)
- Blue (59%)



- Red (53%)
- Yellow (46%)
- Blue (59%)



- Cyan (11%)
- Magenta (23%)
- Yellow (0%)
- Black (41%)



- Cyan (47%)
- Magenta (54%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 117, 151 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 135, 117, 151 by changing the saturation by 10% instead.

 135, 117, 151

255, 255, 255

 188, 169, 205

 216, 196, 233


 245, 224, 255

 255, 253, 255


 135, 117, 151

 109, 92, 125

 85, 69, 100

 61, 46, 76

 39, 25, 53

 21, 0, 32


 0, 0, 5

 0, 0, 0

 135, 117, 151

 128, 102, 151

 135, 117, 151

 142, 132, 151

121, 87, 151

149, 147, 151

114, 72, 151

151, 162, 157

107, 57, 151

151, 177, 165

99, 41, 151

151, 193, 173

92, 26, 151

151, 208, 181

85, 11, 151

151, 223, 189

80, 0, 151

151, 238, 197

151, 253, 205

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



111, 121, 159



135, 117, 151



152, 112, 136

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



135, 117, 151



145, 147, 90



74, 105, 134

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



135, 117, 151



117, 151, 135

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90, 118, 133



135, 117, 151



95, 130, 89

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



135, 117, 151



158, 116, 101



96, 130, 116



71, 105, 147

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



135, 117, 151



159, 111, 124



96, 130, 116



78, 109, 134

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



135, 117, 151



190, 183, 196



117, 128, 151



96, 91, 99



227, 227, 227



99, 99, 99

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



135, 117, 151



171, 143, 196



151, 117, 150



73, 69, 77



74, 0, 140



7, 0, 13

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



151, 117, 133



196, 143, 168



117, 150, 151



77, 69, 72



140, 0, 66



13, 0, 6

Previews

White Background



This preview shows how the RYB color 135, 117, 151 looks on a white background.

Color Contrast Check

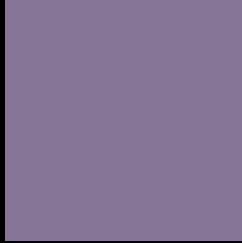
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 135, 117, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

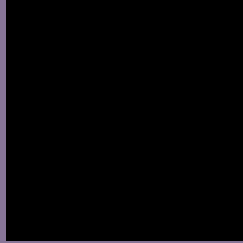
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 135, 117, 151 Background



This preview shows how black text looks on a background with the RYB color 135, 117, 151.



This preview shows how white text looks on a background with the RYB color 135, 117, 151.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
135, 117, 151

Protanopia
116, 122, 155

Deuteranopia
123, 121, 150



Tritanopia
132, 121, 130

Trichromacy



Original Color
135, 117, 151

Protanomaly
123, 121, 154

Deuteranomaly
127, 120, 150

Tritanomaly
133, 120, 138

Monochromacy



Original Color
135, 117, 151

Achromatopsia
126, 126, 126

Achromatomaly
129, 123, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 117, 151 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(135, 117, 151)` looks like.

```
.text, #text, p{  
    color:rgb(135, 117, 151)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(135, 117, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 117, 151) }
```

Border

The CSS property to change the border of an element to RYB 135, 117, 151 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 117, 151) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(135, 117, 151) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(135, 117, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 117, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 117, 151);  
box-shadow:4px 4px 4px 4px rgb(135, 117,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 135, 117, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 117, 151) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(135,  
117, 151) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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